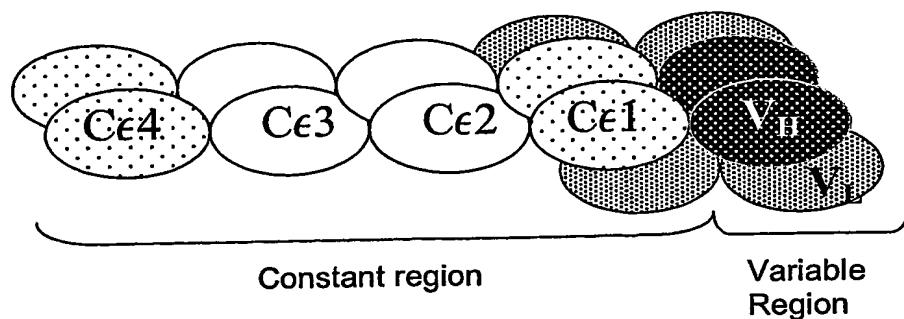
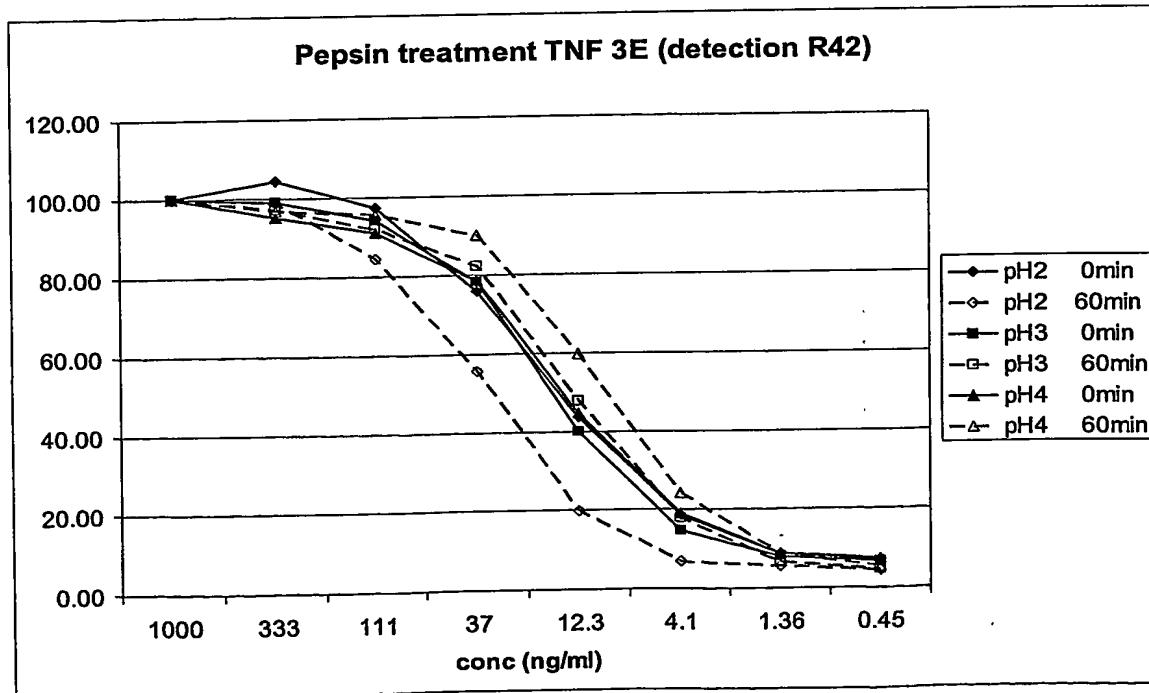
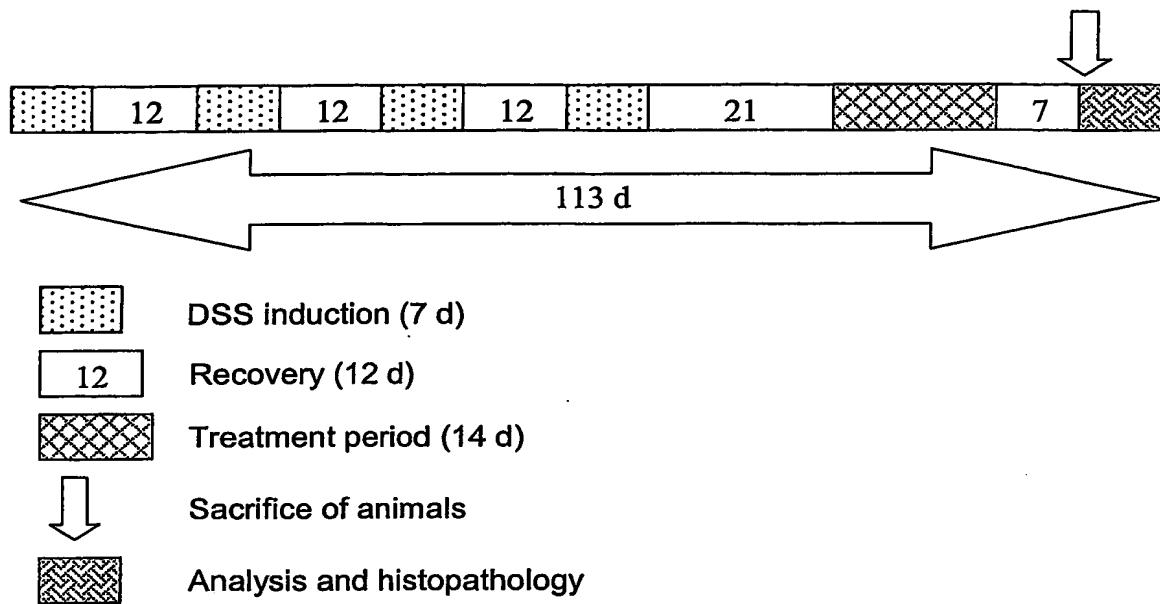


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**Figure 1****Figure 2**

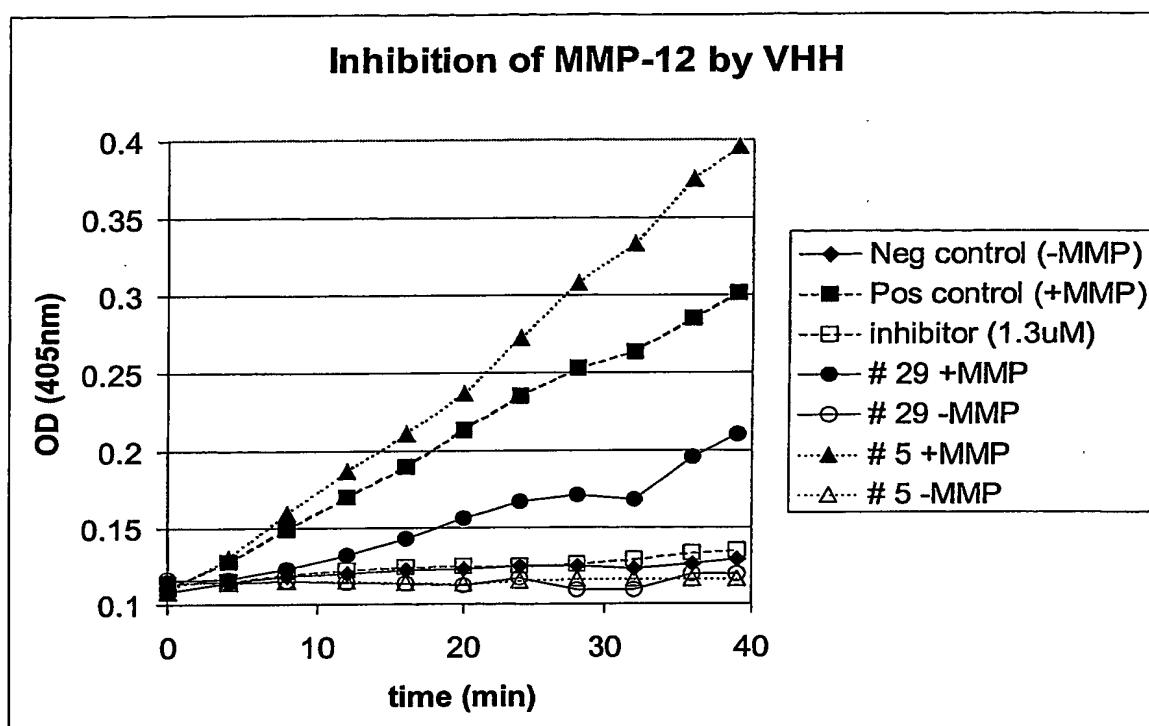
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## DSS-induced Model of Chronic Colitis



**Figure 3**

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**Figure 4**

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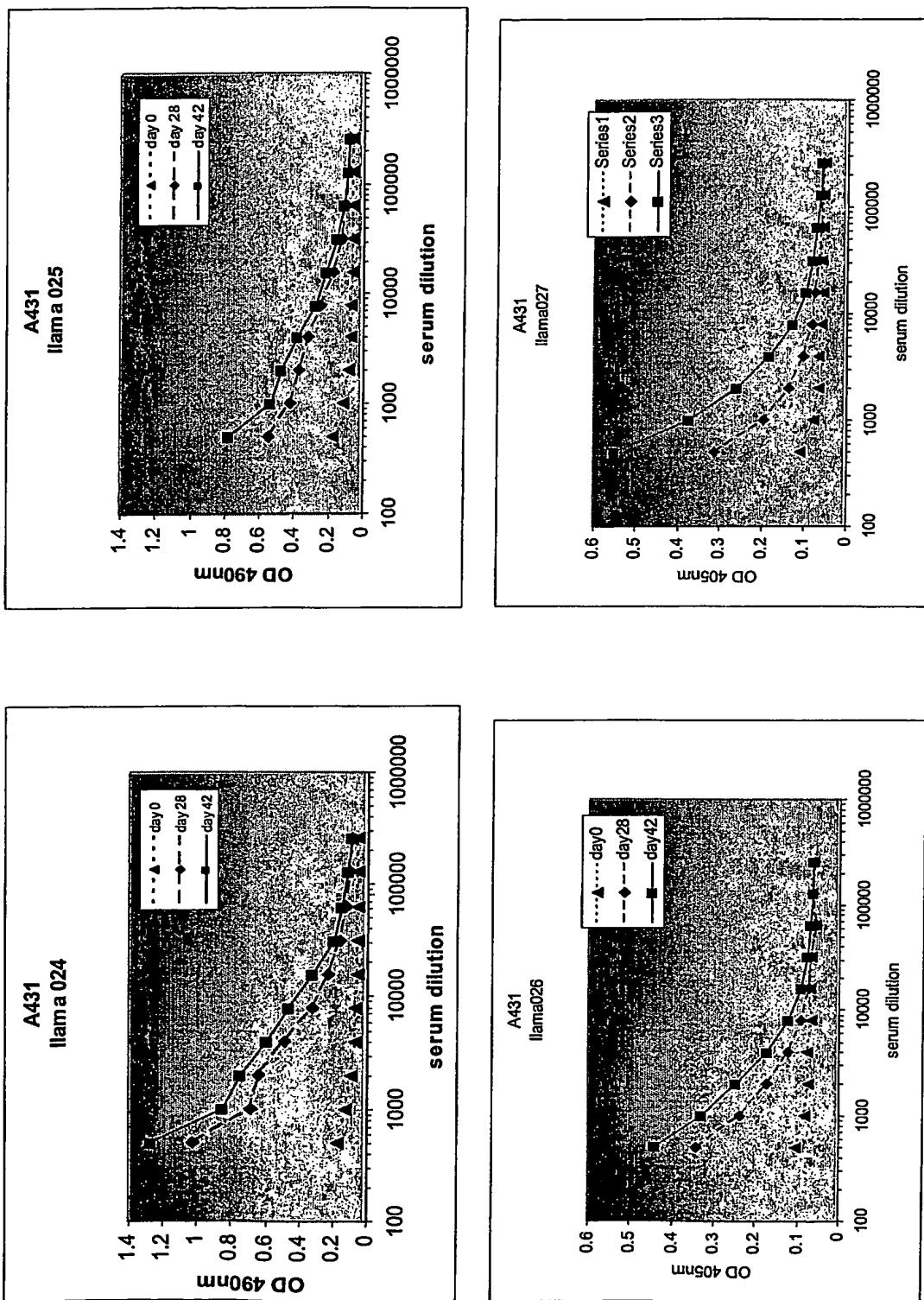


Figure 5

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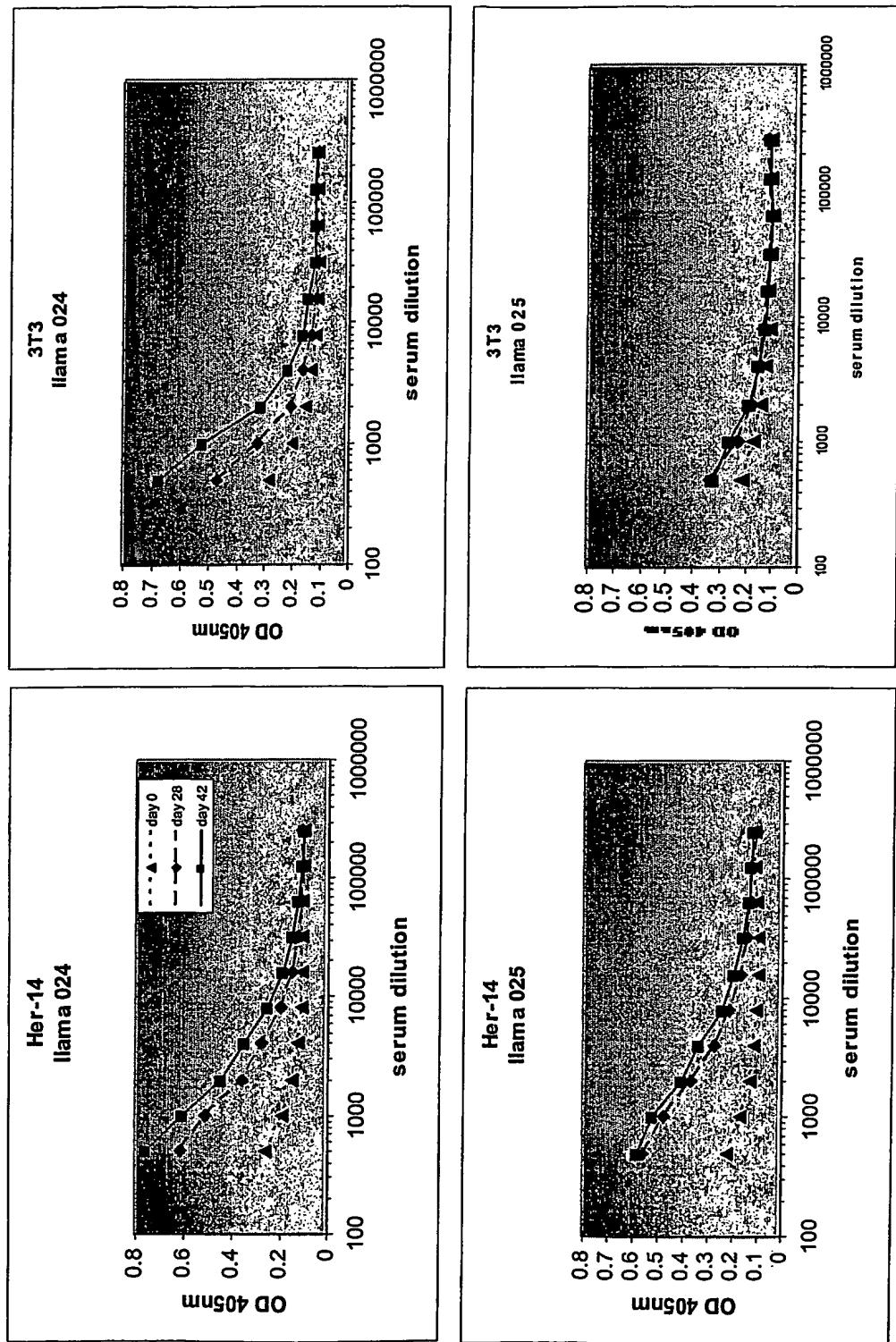


Figure 6 - 1

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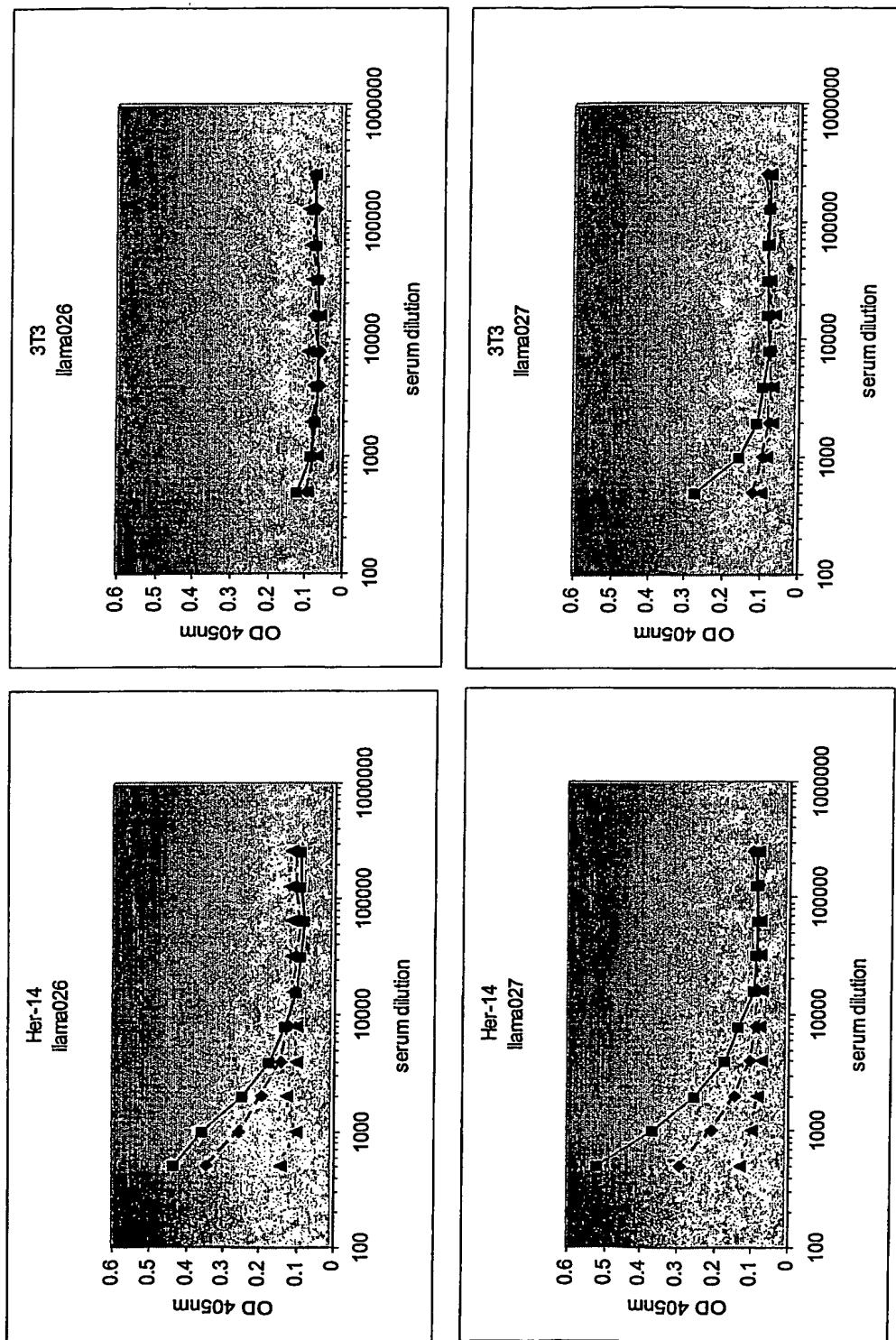
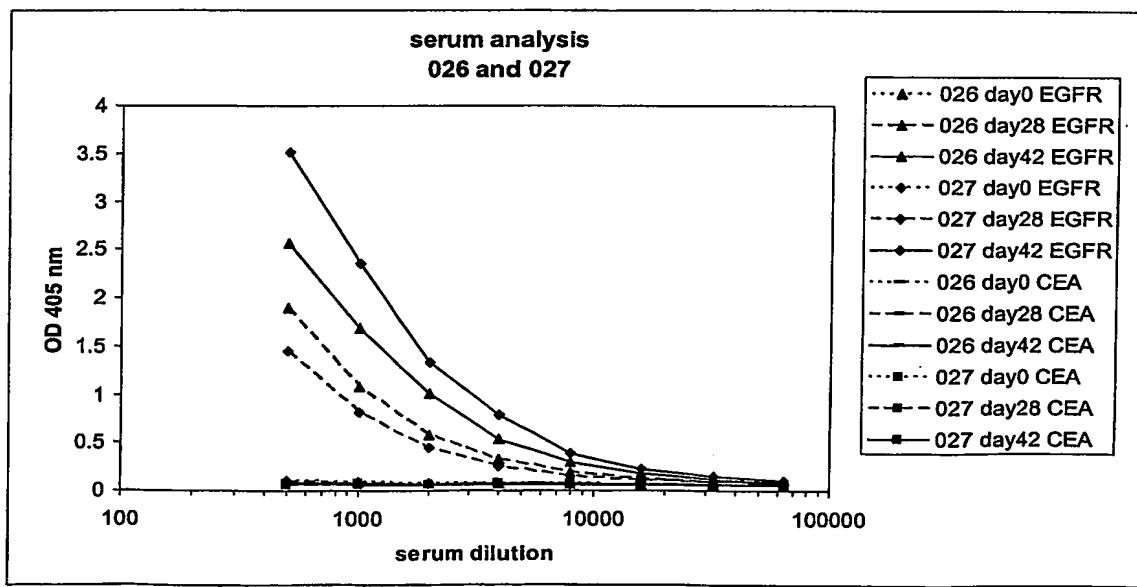
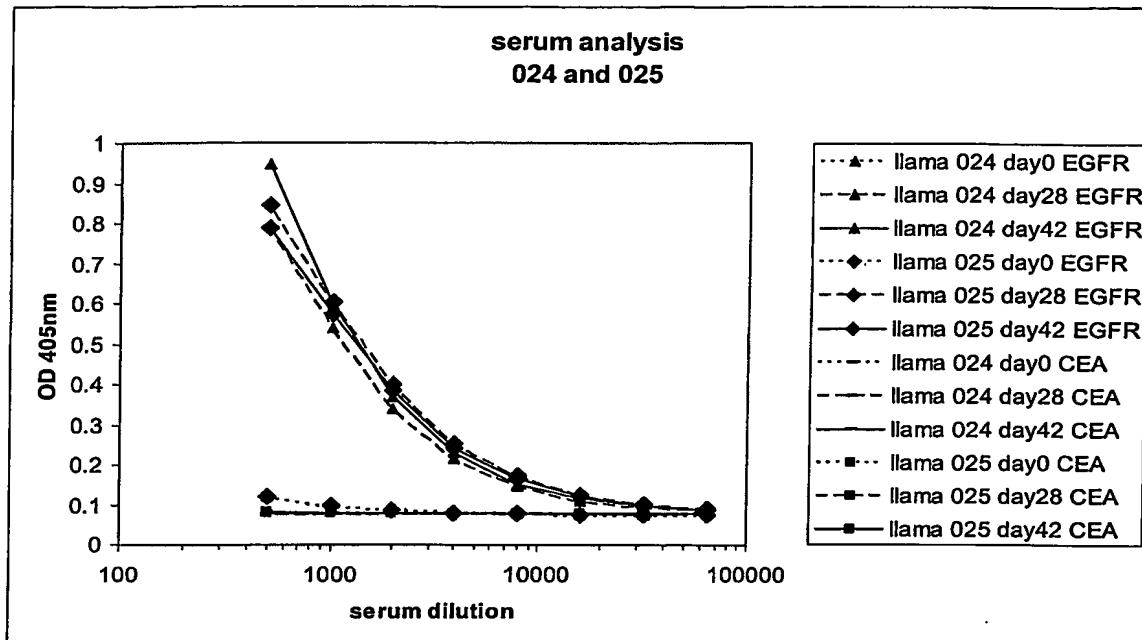
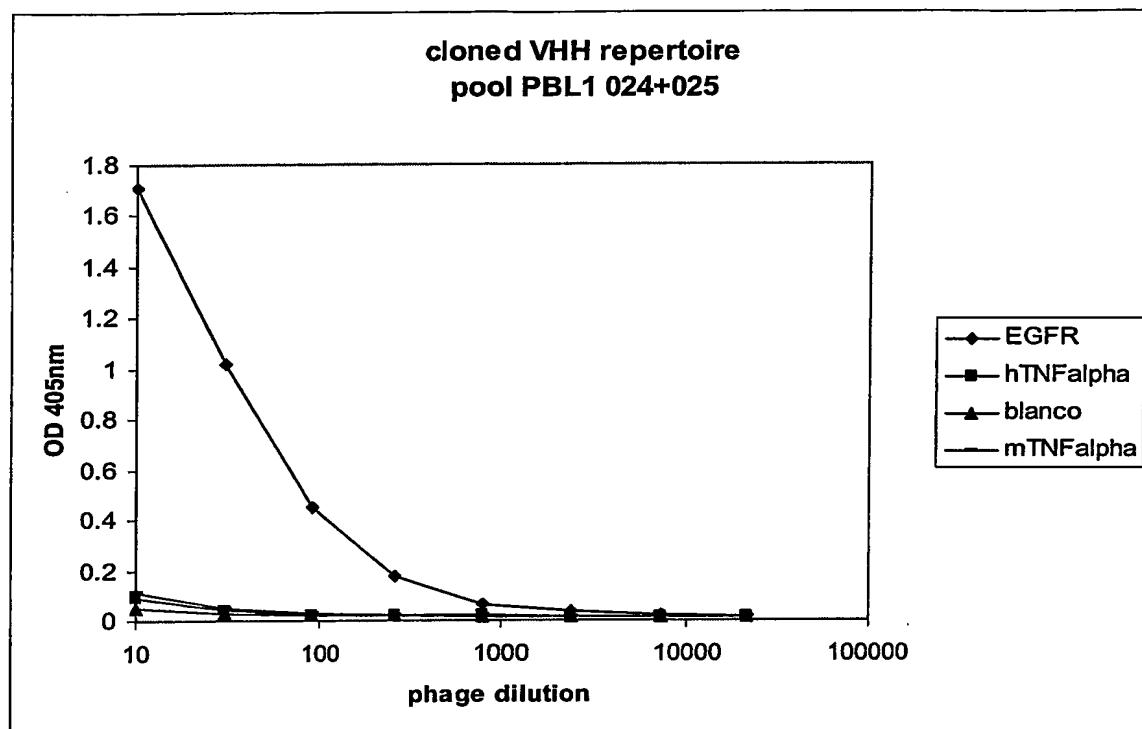


Figure 6-2

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**Figure 7**

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**Figure 8**

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3.14	AVQLVESGGGLVQPGGSLRLSCAASGFTFS	SHYMS	WFRQAPGKEREFFVA	AITSSSRTYYTESVKKG
2.34	QVKLEESGGGLVQPGDSLRLSCAASGFTFS	SHYMS	WFRQAPGKEREFFVA	AITSSSRTYYTESVKKG
1.4	EVQLVESGGGLVQAGGSIRLSCAASGRTFS	NYVMG	WFRQAPGKERDFVV	GIGRSGGDNTYYADSVKG
Ia9	QVQLVESGGGLVQAGGSIRLSCAASGRTFS	NYVMG	WFRQAPGKERDFVV	GIGRSGGDNTYYADSVKG
2.20	EVQLVESGGGLVQAGGSIRLSCAASGRSFS	SYAMA	WFRQAPGKEREFFVA	AISWGGGSTYYAVSVKG
IIIa6	EVQLVESGGGLVQAGGSIRLSCAASGRSFS	SYAMA	WFRQAPGKEREFFVA	AISWGGGSTYYAVSVKG
Ia26	QVQLQESGGGSVQAGGSIRLSCAASGRGFS	RYAMG	WFRQAPGQDREFVA	TISWTNSTDYADSVKG
IIIa42	EVQLVESGGGSVQAGGSIRLSCAASGRSFS	TYAMG	WFROAPGQDREFVA	TISWTDSTDYADSVKG
Ia33	QVQLQESGGGSVQAGGSIRLSCTASGRRFS	TYAVG	WFRQAPGQDREFVA	TISWTNSTDYADSVKG
3.1	EVQLVESGGGSVQAGGSIRLSCTASGRRFS	TYAVG	WFRQAPGQDREFVA	TISWTNSTDYADSVKG
Ia1	QVQLQESGGGLVQAGGSLLLSCAASGRTFS	SYAMG	WFRQAPGKEREFFVA	AINWSGGSTSYYADSVKG
Ia21	QVQLQESGGGLVQAGGSLLLSCAASGRTFS	SYAMG	WFRQAPGKEREFFVA	AINWSGGSTSYYADSVKG
IIIa3	QVQLQESGGGLVQAGGSLLLSCAASGRTFS	SYAMG	WFRQAPGKEREFFVA	AINWSGGSTSYYADSVKG
1.9	QVQLQESGGGLVQAGGSIRLSCAASGRTFS	SYVMG	WFRQAPGKEREFFVG	AIHWSGGRTYYADSVKG
1.34	QVQLQESGGGLVQAGGSIRLSCAASGRTFS	KYAMG	WFRQAPGKEREFFVS	AISWSDGSTYYADSVKG
Ia10	QVQLQESGGGLVQAGGSIRLSCAASGRTFS	KYAMG	WFRQAPGKEREFFVS	AISWSDGSTYYADSVKG
2.6	QVQLQESGGGLVQAGGSIRLSCAASGRTFS	NYAMG	WFRQAPGKEREFFVA	AINWGGNTYYADSVKG
3.34	QVQLQESGGGLVQAGGSIRLSCAASGRTFS	SYAIG	WFRQAPGKEREFFVA	AISWGGNTYYADSVKG
1.38	QVQLQDGGGLVQAGDSIRLSCAASGRSFG	GYAMG	WFRQAPGKEREFFVA	AISWGGGSTYYADSLKG
3.32	QVQLQESGGGLVQAGGSIRLSCAASGRTFS	GYAMG	WFRQAPGEEREFVA	AISWRGTSTYYGDSAKG
4.43	QVQLQESGGGLVQAGGSIRLSCAASGRTFS	GYAMG	WFRQAPGEEREFVA	AISWRGTSTYYGDSAKG
Ia15	QVQLQDGGGLVQAGGSIRLSCAASGGTFS	SYAMG	WFRQAPGKEREFFVA	AIGLNTYYADSVKG
Ia7	QVQLQESGGGLVQAGGSIRLSCAASGGTFS	TYALG	WFRQAPGKEREFFVA	AISRGFSTYYADSVKG
3.39	QVQLQESGGGLVQAGGSIRLSCAASGRYIM	G	WFRQAPGKEREFFVA	GISRSGASTAYADSVKD
3.40	QVKLEESGGGLVQAGGSIRLSCSASGLTFS	NYAMA	WFRQAPGKEREFFVA	TISQRGCMRHLYLDSDK
4.22	QVKLEESGGGLVQAGGSIRLSCAASGSIIFS	INAMG	WYRQAPGKQRELVA	RITGTGTGITGAVENTNYADSVKG
4.11	QVKLEESGGGLVQAGDSIRLSCAASGRSFS	SITMG	WFRQAPGKERQFVS	AINSNGNRYYADSVKG
4.21	EVQLVESGGGLVQAGGSIRLSCAVSGRTFS	SMG	WFRQAPGKEREFFVA	TINLSGDRDYADSVKG
IIIa5	EVQLVESGGGLVQAGGSIRLSCTASGRTFS	SYAMG	WFRQTPGKEREFFVA	AITSSGGSTYYADSVKG
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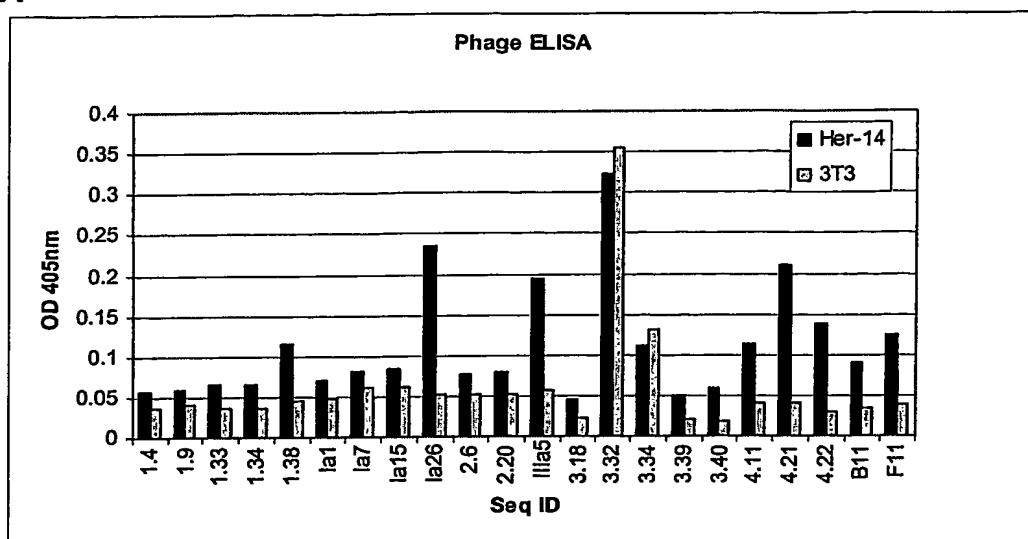
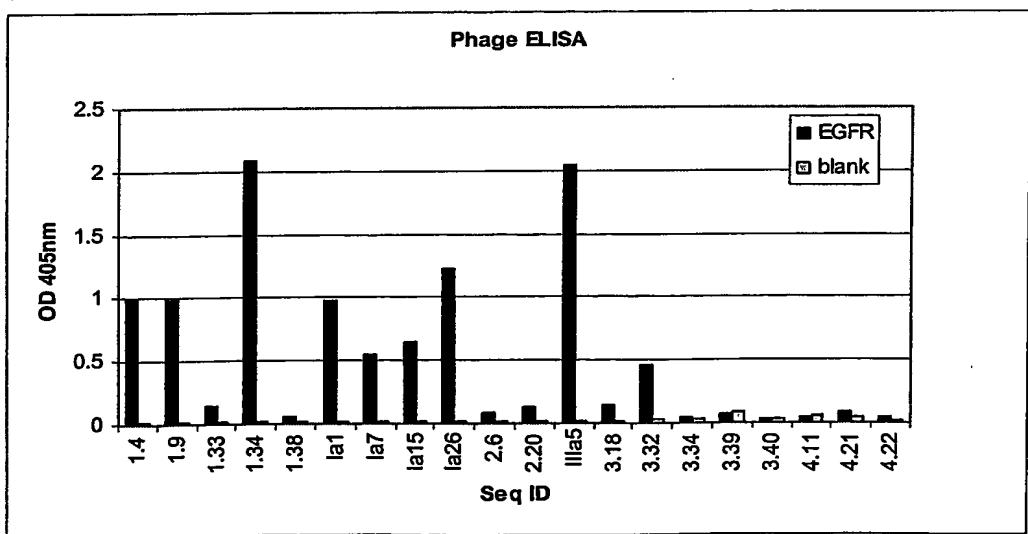
Figure 9 - 1

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3.14	RFTISRDNAKNTVYLQMNSLKS E D T A V Y Y C A A	DRTFYGSTWSKYDY	RGQGTQVTVSS
2.34	RFTISRDNAKNTVYLQMDSLKS E D T A V Y Y C A A	DRTFYGSTWSKYDY	RGQGTQVTVSS
1.4	RFTISWDNAKNTM Y L Q M N S L K P E D T A V Y Y C A A	STYSRDTIFTKWAN NY	WGQGTQVTVSS
Ia9	RFTISWDNAKNTM Y L Q M N S L K P E D T A V Y Y C A A	STYSRDTIFTKWAN NY	WGQGTQVTVSS
2.20	RFTISRDNAKNTVYLQMNSLKP E D T A R Y Y C A A	DETFHSSAYGEY E Y	WGQGTQVTVSS
IIIa6	RFTISRDNAKNTVYLQMNSLKP E D T A R Y Y C A A	DETFHSSAYGEY E Y	WGQGTQVTVSS
Ia26	RFAISRDNAKNTAYLQMNSLKP E D T A V Y Y C A A	DKWASSTRSIDYDY	WGQGIQVTVSS
IIIa42	RFTISRDNAKNTG Y L Q M N S L K P E D T A V Y Y C A A	DRWASSRRNVDYDY	WGQGTQVTVSS
Ia33	RFTISRDNAKNTG Y L Q M N S L K P E D T S V Y V C A A	DKWSSSRSV D Y D Y	WGQGTQVTVSS
3.1	RFTISRDNAKNTG Y L Q M N S L K P E D T S V Y V C A A	DKWSSSRSV D Y D Y	WGQGTQVTVSS
Ia1	RFTISRDNTKNTVYLQMNSLKP E D T A A F Y C A A	TYNPYSR DHYFPRMTTEYDY	WGQGTQVTVSS
Ia21	RFTISKDNTKNTVYLQMNSLKP E D T A A F Y C A A	TYNPYSR DHYFPRMTTEYDY	WGQGTQVTVSS
IIIa3	RFTISRDNTKNTVYLQMNSLKP E D T A A F Y C A A	TYNPYSR DHYFPRMTTEYDY	WGQGTQVTVSS
1.9	RFTI S SDNAKNTLYLQMNSLKP E D T A V Y Y C A A	SRIIYSVNYVNPG E Y D Y	WGQGTQVTVSS
1.34	RFTISRDNAKNTVYLQVNSLKP E D T A V Y Y C A A	TYLVDVVAHVVP I R P Y E Y D Y	WGQGTQVTVSS
Ia10	RFTISRDNAKNTVYLQVNSLKP E D T A V Y Y C A A	TYLVDVVAHVVP I R P Y E Y D Y	WGQGTQSVVSS
2.6	RFTISRDNAKNTVYLQMNSLKP E D T A V Y Y C A A	SEWGGSDYDHDYDY	WGQGTQVTVSS
3.34	RFTISRDNAKNTVYLQMNSLKP E D T A V Y Y C A A	GEVSNSD Y AYEY D Y	WGQGTQVTVSS
1.38	RFTISRDNAKNTVYLQMNSLKP E D T A L Y Y C A A	GLRPSPN Y H E R - S Y D Y	WGQGTQVTVSS
3.32	RFTISRDNAKNTVYLQMNSLKP E D T A V Y Y C A A	GSHSDYAPDYDY	WGQGTQVTVSS
4.43	RFTISRDNAKNTVYLQMNSLKP E D T A V Y Y C A A	GSHSDYAPDYDY	WGQGTQVTVSS
Ia15	RFTISRDNAKNTVYLQMNSLKP E D T A V Y Y C A A	RTSGVVGGTPKRYDY	WGQGTQVTVSS
Ia7	RFTISRDNA N N T V Y L Q M N S L K P E D T A V Y Y C A A	REGVALGLRNDANY	WGQGTQVTVSS
3.39	RFTISRD S A L N T V Y L Q M N S L K A E D T A V Y F C A A	ALAIRLGIPRGETEY E Y	WGQGTQVTVSS
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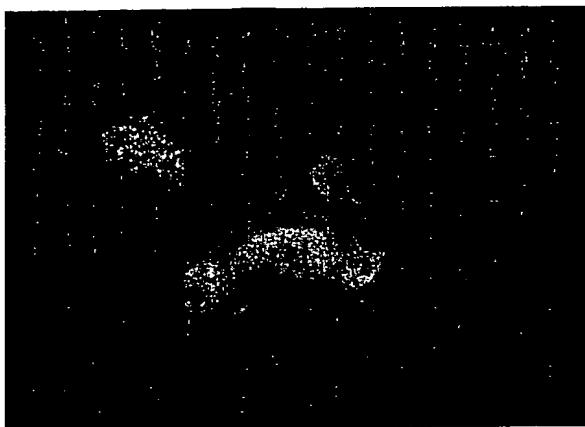
Figure 9 - 2

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**A****B****Figure 10**

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**A**

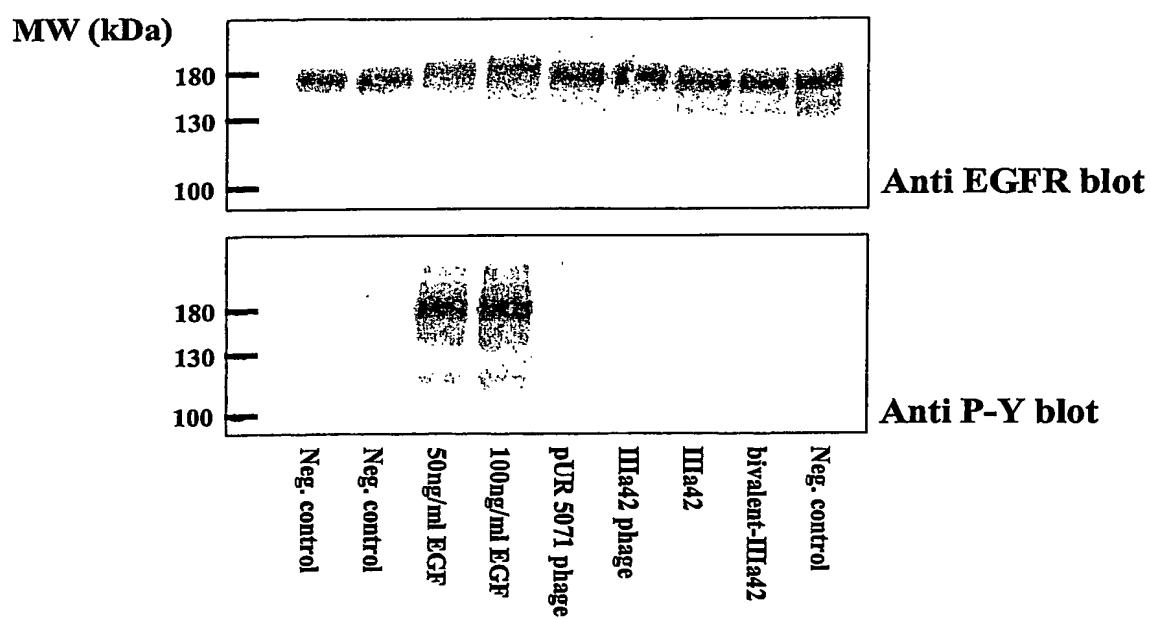


**B**



**Figure 11 - 1**

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**C****Figure 11 – 2**

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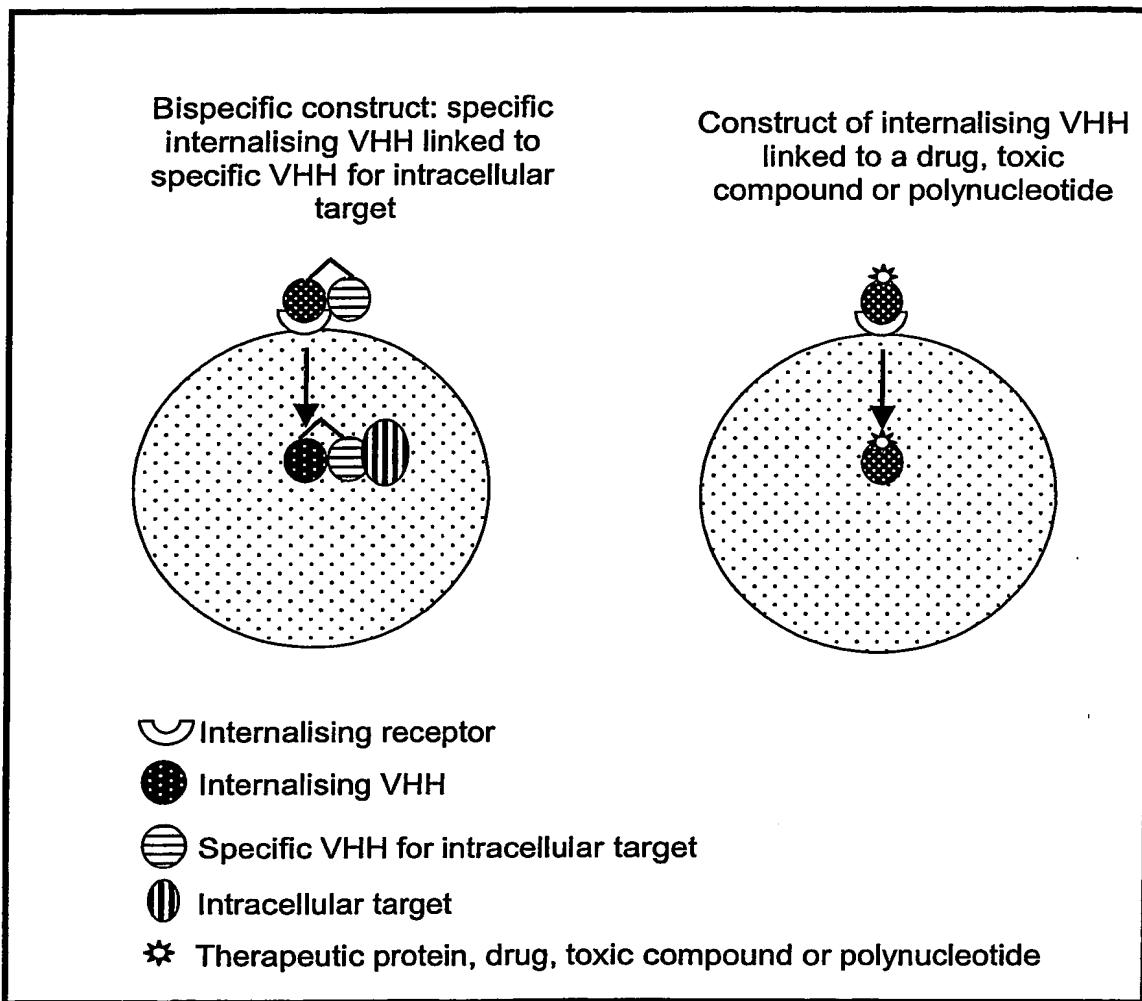


Figure 12